

Dimplex

ELECTRICAIRE

WARM AIR HEATING SYSTEM

Models: R7/47 - 7kW, R8/55 - 8kW, R10/73 - 10kW,
R12/84 - 12kW, R15/104 - 15kW



USER INSTRUCTIONS

IMPORTANT

**PLEASE READ THIS LEAFLET CAREFULLY AND
RETAIN FOR FURTHER USE. NOTE ALSO THE
INFORMATION GIVEN ON THE HEATER**

- **WARNING - THE SURFACES ON THIS HEATER CAN BE HOT.**
- This heater meets BS 3456 safety requirements. However, any heater type becomes hot in normal operation. Care must be taken to ensure that prolonged skin contact with the heater does not occur.

WHERE YOUNG CHILDREN, INFIRM PERSONS, OR THE AGED ARE LIKELY TO BE LEFT UNSUPERVISED IN THE VICINITY OF THE HEATER WE RECOMMEND THAT A GUARD IS FITTED. Contact your installer or the manufacturer for further advice.
- THIS APPLIANCE IS EXTREMELY HEAVY. THE FLOOR MUST BE CHECKED TO ENSURE THAT IT IS CAPABLE OF BEARING THE WEIGHT OF THE UNIT, UP TO 750KG ($\frac{3}{4}$ TON). DO NOT UNDER ANY CIRCUMSTANCES ATTEMPT TO MOVE OR REPOSITION THIS HEATER WITHOUT SEEKING EXPERT ADVICE.
- To maintain stability, it is essential that the heater is placed on a level surface.
- The heater must be installed where it is possible for switches and other controls to be touched by a person in a bath or shower.
- **IMPORTANT** - Due to the newness of materials the heater will produce a slight smell for the first few days of operation. ROOMS MUST BE WELL VENTILATED AND YOUNG CHILDREN, CAGED BIRDS, OR PERSONS WITH RESPIRATORY COMPLAINTS MUST NOT REMAIN IN CLOSE PROXIMITY TO THE HEATER DURING THE FIRST 48 HOURS OF THE COMMISSIONING PERIOD.
- IF, DURING ANY REASSEMBLY OF THE HEATER, A PART OF THE THERMAL INSULATION SHOWS DAMAGE OR DETERIORATION WHICH MAY IMPAIR SAFETY, IT SHOULD BE REPLACED BY AN IDENTICAL PART.
- The heater must stand at least 50mm clear of any walls and 150mm below ceilings.

USER INSTRUCTIONS

PRINCIPLES OF OPERATION

The warm air system is designed to operate on cheap rate electricity. The heater takes in energy when electricity tariffs are low, and retains it in the insulated core. Warm air is provided directly from the unit mounted on a plenum or through duct work, by the operation of a fan. The fan may be controlled by a central thermostat and/or a time clock.

SAFETY INSTRUCTIONS

- 1. VENTILATE ROOM WELL DURING COMMISSIONING**
- 2. DO NOT MOVE THE HEATER IN ANY WAY ONCE INSTALLED, WITHOUT THE SERVICES OF A COMPETENT ELECTRICIAN.**
- 3. DO NOT COVER THE HEATER WITH CLOTHING ETC. AT ANY TIME, OR POSITION FURNITURE CLOSE TO OR AGAINST THE HEATER.**

ALSO REFER TO COVER PAGE

COMMISSIONING

The heater should be commissioned in accordance with the installation instructions - by the installing engineer.

CONTROL FUNCTIONS - see Fig. A

1. INPUT CONTROL

The input controller is a thermostat which regulates the amount of energy taken by the heater during the hours when cheap rate electricity is available. Turning the knob clockwise increases the amount of heat stored. The setting should be adjusted from MIN to MAX to suit seasonal requirements.

2. NEON INDICATOR & 3. FAN SWITCH

To obtain heat from the Electricaire Unit press the fan switch to the ON position. The fan indicator light will now glow red. If the fan is controlled by a room thermostat it will switch off automatically when the room temperature reaches the required level. The fan should be switched off before retiring at night. This function may be performed by installing a time clock.

4. BOOST SWITCH

The boost switch increases the airflow delivered by the Electricaire Unit. This facility is designed to produce a rapid rise in room temperature, e.g. first thing in the morning or when you return home in cold weather.

5. DAY ENERGY SWITCH

If your Electricaire Unit is connected to the "White Meter" tariff the day energy switch operates direct acting elements. This facility extends the heat output obtainable from the Electricaire Unit by using day energy after the core has been fully discharged. To avoid unnecessary use of day rate energy the following safeguards have been built into the appliance.

Day energy can only be used if:

The Day Energy switch is in the ON position.

The fan switch is in the ON position.

The outlet air temperature has fallen below a pre-determined level.

In addition ensure the input is set at MAX.

MAINTENANCE

1. Input Control
2. Neon Indicator
3. Fan Switch
4. Boost Switch
5. Day Energy Switch

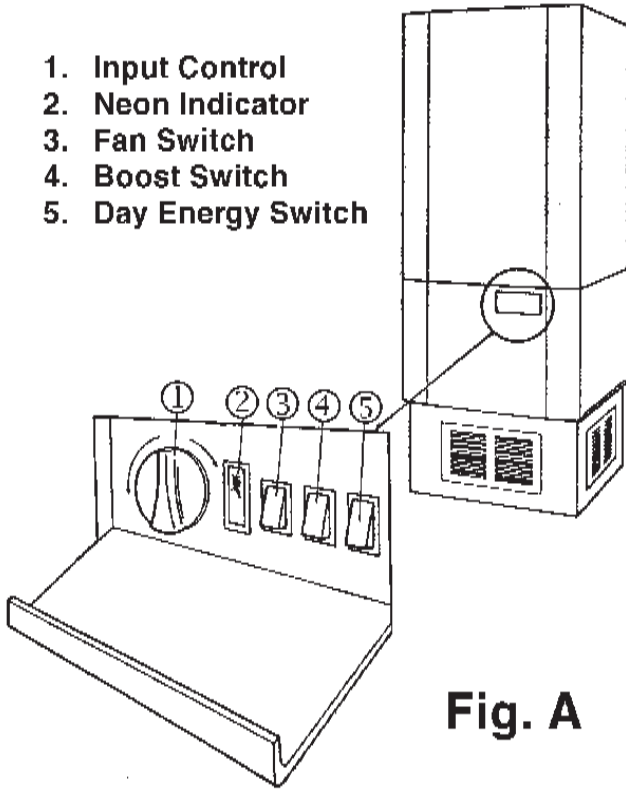


Fig. A

A washable filter is fitted to ensure the warm air distributed is clean and free from dust. The filter is located in the detachable lower panel and should be washed in warm soapy water at least twice a year (see Fig. B). The filter panel can be removed by pulling the top end away from the heater and lifting out the location hooks.

To maintain the appearance of the heater, wipe occasionally with a dry cloth when the heater is cool. Do not use abrasive powders or furniture polish.

IMPORTANT - Do not remove any panel before isolating the heating unit from all electrical supplies. Additional maintenance should only be carried out by a trained engineer or electrician. When required contact your local electricity board or the installer. Regular inspection should take place, at least every two years.

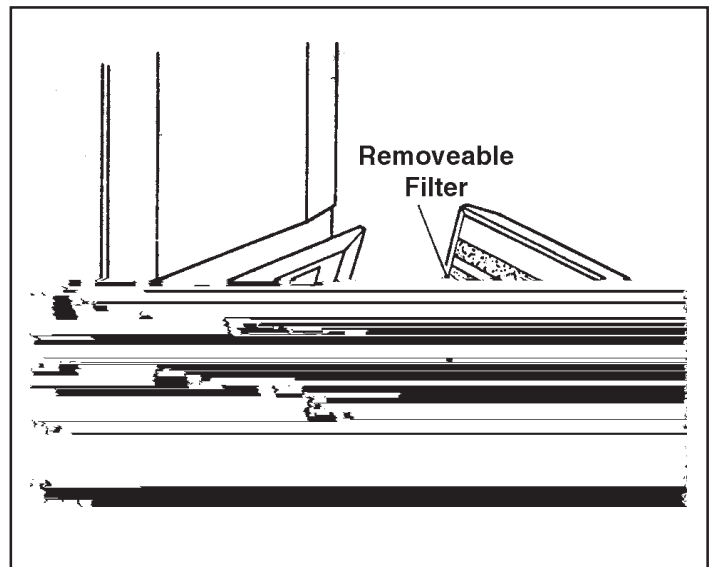
ROOM ENVIRONMENTAL CONTROLS

The installation may be fitted with several additional environmental controls.

A room thermostat may be fitted in the room. This thermostat controls the operation of the heater fan. Adjust the setting until a comfortable environment is achieved.

Note however the higher the thermostat setting the higher the running costs.

Where duct work is installed individual rooms will be fitted with supply air registers. If a room is not in use the supply registers can be closed.



Installer Note: Please ensure that the USER INSTRUCTIONS are handed to the User when you have completed the installation if applicable, or left with the heater if the building is unoccupied when the installation is carried out.

User Note: These instructions give important advice on how to get the best out of your new heater. Please read them carefully and keep them in a safe place for future reference.

After Sales Service: Your product is guaranteed for one year from the date of purchase. We undertake to repair or exchange this product free of charge within this period providing the product has been installed and operated in accordance with the manufacturers instructions. Should you require after sales service, please contact our customer services help desk, whose details are listed below.

Please do not return a faulty part or product, as this may result in loss or damage, which may cause a delay in providing service.

Let us know the fault, quoting the model number and Serial No. together with your installation address and telephone number, and we will take appropriate action.

ELECTRICAIRE

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Product Sales
Head Office

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